

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

For: Additive for Enhancing the Performance of Electrochemical Cells

INFORMATION DISCLOSURE STATEMENT [IDS]

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Mail Stop Patent Application
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Sir:

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above- identified application, and any other application relying on the filing date of the above-identified application or cross- referencing it as a related application.

[X] 1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

[X] 2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form PTO-1449) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. A copy of each document listed is attached.

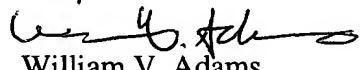
[X] 3. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

4. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56 (b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

24 JULY 2003

DATE


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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) ARL-02-27		Application Number		
				Applicant(s) T. Richard Jow et al.				
				Filing Date		Group Art Unit		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA	5,529,859	6/25/96	Shu et al.	429	194		
	AB	5,626,981	5/6/97	Simon et al.	429	105		
	AC	5,714,281	2/3/98	Naruse et al.	429	197		
	AD	6,506,516 B1	1/14/03	Wietelmann et al.	429	188		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
	AE	Jow et al. "Nonaqueous Electrolytes for Wide Temperature Range Operations of Li-ion Cells" 11th International Meeting on Lithium Batteries, Monterey, CA (23-28 June 2002).						
	AF	Xu et al. "LiBOB as Salt for Lithium-Ion Batteries" Electrochemical and Solid-State Letters, 5 (1) A26-A29 (2002).						
EXAMINER				DATE CONSIDERED				

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional) ARL-02-27	Application Number
Applicant(s) T. Richard Jow et al.	
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*EXAMINER
 INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AG

Xu et al. "LiBOB and Its Derivatives" Electrochemical and Solid-State Letters, 4 (1) E1-E4 (2001).

AH

Jow et al. "LiBOB as an Electrolyte Salt for Lithium Ion Cells" The 42nd Battery Symposium in Japan, November 21-23, 2001, Yokahama, Japan.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.